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Mr. Briggs made some remarks on the results in meteorology obtained by Prof. Henry twelve years ago.

Pending nominations, Nos. 662 and 663 were read.

After balloting for Candidates for Membership, the following named gentlemen were declared to be duly elected members of the Society:—

Mr. Henry F. Q. D'Aligny, of New York.

Mr. William P. Blake, of New Haven, Conn.

Mr. George L. Vose, of Salem, Mass.

Mr. J. Imbrie Miller, of Pennsylvania.

Mr. Eckley B. Coxe, of Philadelphia.

And the Society was adjourned.

Stated Meeting, Nov. 4th, 1870.

Vice-President, Prof. CRESSON, in the Chair.

Present, eight members.

Letters were read from Nassau Hall and Yale College, acknowledging the receipt of Proceedings and Transactions.

The following letter was received from the Philadelphia College of Pharmacy, transmitting copies of resolutions adopted by them on the subject of the establishment of a Botanic Garden in Fairmount Park, and asking concurrence, and the appointment of a committee.

PHILADELPHIA, Nov. 2d, 1870.

SIR :—

In accordance with instructions, it is my agreeable duty to communicate to you the following action of the Philadelphia College of Pharmacy.

At a Stated Meeting of the Board of Trustees of the Philadelphia College of Pharmacy, held November 1st, the following Resolutions were unanimously adopted :—

“*Resolved*, That a Committee of three be selected to confer with the Park Commissioners, in conjunction with other Committees that may be

appointed for the same purpose, in reference to the establishment of a Botanical Garden in Fairmount Park."

In accordance with the above Resolution, the following Committee was selected :—

Prof. William Proctor, Jr.,
Prof. Robert Bridges, M. D.,
Prof. John M. Maisch.

It was also *Resolved*, "That the Secretary be directed to communicate the action of this College to the President of the Park Commissioners, to the Horticultural Society, and to the American Philosophical Society."

I have the honor to be

Yours, respectfully,

ALFRED B. TAYLOR,
Secretary.

To Prof. GEORGE B. WOOD, M. D.,
President of the American Philosophical Society.

A letter transmitting a donation for the Library, was received from Mr. Abbe, of the Cincinnati Observatory.

Dr. Lea took the Chair, and Prof. Cresson described the recent auroras, of one of which he presented for publication in the Proceedings, the following account :—

An Auroral display occurred on the evening of the 24th of October, observed from half-past eight o'clock. A faint Auroral arch was visible to the north, extending from Cor Caroli, which was just setting, nearly to Castor, which was just rising, the elevation of the arc being equal to that of star Dubhe, in Ursa Major, which was nearly at its lowest culmination. At the same time, a band, of ten degrees in width, of pink auroral light, spanned the heavens, apparently on an arc of a great circle, extending from the northwestern point, where the Northern Crown was setting, to a point in the east, where Bellatrix, in Orion, was just rising, and passing through Menkar, in the head of the Whale, south of Aries, through Pisces and Aquarius, through the Dolphin, through the Eagle, with Altair near the centre of the band, south of Lyra, and through the head of Hercules. The average width of the luminous belt was about ten degrees, its median line corresponding very nearly with the celestial equator.

Dr. Emerson informed the Society that the earthquake of October 20th, 1870, was felt in Canada, the New England States and New York. The strongest manifestations of it were along the St. Lawrence River, and especially on the shores of the Gulf of St. Lawrence, where the shocks were reported so severe as to occasion some loss of life. In certain

quarters of New York city no movements were noticed, but in others shocks were felt to an alarming extent, driving people from their houses and workshops, and children from the public-school rooms, into the street, with a sensation of nausea or sea-sickness. Walls were cracked, clocks were stopped, articles were thrown from tables, steeples vibrated. See detailed account in the Scientific American of October 29th.

Pending Nominations Nos. 661, 662 and 663, and New Nominations Nos. 664 and 665 were read.

Prof. Wood offered the following resolution, which was adopted:—

Resolved, That a Committee be appointed to act with Committees that may be appointed by other Societies, in the matter of procuring the establishment of a Botanic Garden in Fairmount Park.

Prof. H. C. Wood, Prof. Jos. Carson, and Mr. Durand, were appointed said Committee; and, on motion of Mr. Price, the President, Dr. G. B. Wood, was added to the Committee.

By request of Mr. Cuyler, who had been obliged by another engagement to retire from the meeting, Mr. Price asked that notice be given on the cards for the next meeting, that Mr. Cuyler will then present a proposition for the removal of the Society to Fairmount Park, with the view of obtaining an expression of the opinion of the members as to the expediency of such removal.

And the Society was then adjourned.

Stated Meeting, Nov. 21st, 1870.

Vice-President, Mr. FRALEY, in the Chair.

Present, twenty-four members.

Letters accepting membership were received from Mr. Geo. L. Vose, dated Minneapolis, Minn., Nov. 14th, 1870, and Mr. Wm. P. Blake, dated New Haven, Conn., Nov. 18th, 1870.